



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved OMB No. 2070-0060

401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date December 13, 2012
EPA Reg. No./File Symbol 68250-R
Page 1 of 3
Applicant's/Registrant's Name & Address:
LiquiTech, Inc.
421 Eisenhower Lane South
Lombard, IL 60148
Product
Liquidator Electronic Liquid Disinfection System

Ingredient Copper (elemental) and Silver (elemental)

Table with 6 columns: Guideline Reference, Guideline Study Name, MRID Number, Submitter, Status, Note

Product Analysis Test Guidelines

Table with 6 columns: Guideline Reference, Guideline Study Name, MRID Number, Submitter, Status, Note. Contains 18 rows of test guidelines.

Signature: Abigail Downs
Name and Title: Abigail Downs, Regulatory Consultant
Date: 12/13/12



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Applicant's/Registrant's Name & Address: LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148	Product Liquidator Electronic Liquid Disinfection System	

Ingredient *Copper (elemental) and Silver (elemental)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
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Product Analysis Test Guidelines					
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09

Signature 	Name and Title Abigail Downs, Regulatory Consultant	Date 12/13/12
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Applicant's/Registrant's Name & Address: LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148	Product Liquidator Electronic Liquid Disinfection System	

Ingredient *Copper (elemental) and Silver (elemental)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.7300	Density, Bulk Density, Specific Gravity	47845801	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 835.2110	Hydrolysis	Waived			Waived in Silver RED
OPPTS 870.1100	Acute Oral Toxicity	47845802	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 870.1200	Acute Dermal Toxicity	47845802	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 870.1300	Acute Inhalation Toxicity	47845802	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 870.2400	Primary Eye Irritation	47845802	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 870.2500	Primary Dermal Irritation	47845802	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 870.2600	Dermal Sensitization	47845802	LiquiTech, Inc.	OWN	Submitted 9/3/09
OPPTS 870.3250	90-Day Dermal Toxicity	Waiver			Waived in Silver RED
OPPTS 870.3700	Prenatal Developmental Toxicity (Teratogenicity)	Waiver			Waived in Silver RED
OPPTS 870.5100	Bacterial Reverse Mutation Test	Waiver			Waived in Silver RED
OPPTS 870.5300	In vitro Mammalian Cell Gene Mutation Test	Waiver			Waived in Silver RED
OPPTS 870.5385	In vivo Mammalian Chromosomal Aberration Test	Waiver			Waived in Silver RED
OPPTS 850.2100	Avian Acute Oral Toxicity	43312901	Mason Chemical Co.	OLD	
OPPTS 850.2200	Avian Dietary Toxicity	43312902	Mason Chemical Co.	OLD	
OPPTS 850.1075	Fish Acute Toxicity - Freshwater and Marine	42650501	Mason Chemical Co.	OLD	

Signature 	Name and Title Abigail Downs, Regulatory Consultant	Date 12/13/12
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Ingredient *Copper (elemental) and Silver (elemental)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
			LiquiTech, Inc.	OWN	Submitted 9/3/09
					Waived in Silver RED
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
			LiquiTech, Inc.	OWN	Submitted 9/3/09
					Waived in Silver RED
					Waived in Silver RED
					Waived in Silver RED
					Waived in Silver RED
					Waived in Silver RED
			Mason Chemical Co.	OLD	
			Mason Chemical Co.	OLD	
			Mason Chemical Co.	OLD	

Signature 		Name and Title Abigail Downs, Regulatory Consultant	Date 12/13/12
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Applicant's/Registrant's Name & Address: LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148	Product Liquidator Electronic Liquid Disinfection System	

Ingredient *Copper (elemental) and Silver (elemental)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 850.1010	Aquatic Invertebrate Acute Toxicity	42650501	Mason Chemical Co.	OLD	
	Time Kill Assay for Antimicrobial Agents	TBD	LiquiTech, Inc.	OWN	
	Time Kill Assay for Antimicrobial Agents	TBD	LiquiTech, Inc.	OWN	
	Time Kill Assay for Antimicrobial Agents	TBD	LiquiTech, Inc.	OWN	
	Time Kill Assay for Antimicrobial Agents	TBD	LiquiTech, Inc.	OWN	

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Signature 		Name and Title Abigail Downs, Regulatory Consultant	Date 12/13/12
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Ingredient *Copper (elemental) and Silver (elemental)*

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
			Mason Chemical Co.	OLD	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	

Signature 	Name and Title Abigail Downs, Regulatory Consultant	Date 12/13/12
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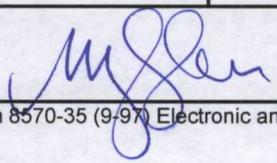


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Applicants/Registrant Name and Address LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148			Product Liquidator Electronic Liquid Disinfection System		
Ingredient Copper (elemental) and Silver (elemental)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.1550	Product Identity and Composition	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.1600	Description of Materials Used to Manufacture the Product	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.1650	Description of the Formulation Process	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.1670	Discussion of the Formation of Impurities	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.1700	Analysis of Samples	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.1750	Certified Limits	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.1800	Enforcement Analytical Method	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.6303	Physical State	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.6314	Oxidation/Reduction	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.6315	Flammability	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.6316	Explosibility	TBA	LiquiTech, Inc.	OWN	
Signature 			Name and Title Megha S. Even, Regulatory Consultant		Date Sept 3, 2009



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Applicants/Registrant Name and Address LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148			Product Liquidator Electronic Liquid Disinfection System		
Ingredient Copper (elemental) and Silver (elemental)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
Signature 			Name and Title Megha S. Even, Regulatory Consultant		Date Sept 3, 2009



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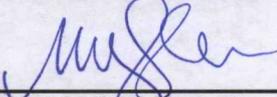
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Applicants/Registrant Name and Address LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148	Product Liquidator Electronic Liquid Disinfection System
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Ingredient Copper (elemental) and Silver (elemental)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 830.6317	Storage Stability	TBA	LiquiTech, Inc.	OWN	
	Miscibility	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.6319					
OPPTS 830.6320	Corrosion Characteristics	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.6321	Dielectric breakdown voltage	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.7000	pH	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.7100	Viscosity	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.7200	Melting Point	TBA	LiquiTech, Inc.	OWN	
OPPTS 830.7300	Density, Bulk Density, Specific Gravity	TBA	LiquiTech, Inc.	OWN	
OPPTS 835.2110	Hydrolysis	Waived			Waived in Silver RED
OPPTS 870.1100	Acute Oral Toxicity	TBA	LiquiTech, Inc.	OWN	Waiver Request
		TBA	LiquiTech, Inc.	OWN	Waiver Request
OPPTS 870.1200	Acute Dermal Toxicity				
OPPTS 870.1300	Acute Inhalation Toxicity	TBA	LiquiTech, Inc.	OWN	Waiver Request
OPPTS 870.2400	Primary Eye Irritation	TBA	LiquiTech, Inc.	OWN	Waiver Request
OPPTS 870.2500	Primary Dermal Irritation	TBA	LiquiTech, Inc.	OWN	Waiver Request
OPPTS 870.2600	Dermal Sensitization	TBA	LiquiTech, Inc.	OWN	Waiver Request

Signature 	Name and Title Megha S. Even, Regulatory Consultant	Date Sept 3, 2009
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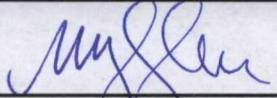


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Ingredient Copper (elemental) and Silver (elemental)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
			LiquiTech, Inc.	OWN	
					Waived in Silver RED
			LiquiTech, Inc.	OWN	Waiver Request
			LiquiTech, Inc.	OWN	Waiver Request
			LiquiTech, Inc.	OWN	Waiver Request
			LiquiTech, Inc.	OWN	Waiver Request
			LiquiTech, Inc.	OWN	Waiver Request
			LiquiTech, Inc.	OWN	Waiver Request
Signature 			Name and Title Megha S. Even, Regulatory Consultant		Date Sept 3, 2009



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Applicants/Registrant Name and Address LiquiTech, Inc. 421 Eisenhower Lane South Lombard, IL 60148	Product Liquidator Electronic Liquid Disinfection System
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Ingredient Copper (elemental) and Silver (elemental)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS 870.3250	90-Day Dermal Toxicity	Waiver			Waived in Silver RED
OPPTS 870.3700	Prenatal Developmental Toxicity (Teratogenicity)	Waiver			Waived in Silver RED
OPPTS 870.5100	Bacterial Reverse Mutation Test	Waiver			Waived in Silver RED
OPPTS 870.5300	In vitro Mammalian Cell Gene Mutation Test	Waiver			Waived in Silver RED
OPPTS 870.5385	In vivo Mammalian Chromosomal Aberration Test	Waiver			Waived in Silver RED
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OPPTS 850.2200	Avian Dietary Toxicity	43312902	Mason Chemical Co.	OLD	
OPPTS 850.1075	Fish Acute Toxicity – Freshwater and Marine	42650501	Mason Chemical Co.	OLD	
OPPTS 850.1010	Aquatic Invertebrate Acute Toxicity	42650501	Mason Chemical Co.	OLD	

Signature 	Name and Title Megha S. Even, Regulatory Consultant	Date Sept 3, 2009
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Ingredient Copper (elemental) and Silver (elemental)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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					Waived in Silver RED
					Waived in Silver RED
					Waived in Silver RED
					Waived in Silver RED
			Mason Chemical Co.	OLD	
			Mason Chemical Co.	OLD	
			Mason Chemical Co.	OLD	
			Mason Chemical Co.	OLD	

Signature 	Name and Title Megha S. Even, Regulatory Consultant	Date Sept 3, 2009
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